

CLAIMS

- [1] A rotation output device, comprising:
- an output conveyance mechanism including a
- 5 rotation driving member for outputting a rotation driving force and a rotation output member for outputting a rotation force in response to the driving of the rotation driving member, which are coaxially connected to each other so as to convey the rotation force, with a predetermined play
- 10 angle to which the rotation force is not conveyed being formed in a relative rotation direction; and
- a lock mechanism including a movable lock member for locking a rotation conveyed from the rotation output member by being pressed toward a fixing member by the
- 15 rotation output member, wherein the rotation output member and the fixing member located on an outer circumferential surface of the rotation output member and rotational-fixed are provided to face each other while being separated by a predetermined distance in a radial direction; a lock
- 20 operation member operable to press the movable lock member toward the fixing member by the rotation conveyed from the rotation output member; and a release member capable of releasing the pressed state of the movable lock member by the rotation conveyed from the rotation driving member

and thus capable of releasing the locked state;

wherein retaining means is provided, between the movable lock member and the fixing member, for retaining the position of the movable lock member in the rotation direction when receiving the rotation from the rotation
5 output member.

[2] A rotation output device according to claim 1, wherein the retaining means is formed of a contact member
10 integrally rotatable with the movable lock member and partially contacting the fixing member.

[3] A rotation output device according to claim 2, wherein a plurality of the movable lock members are provided,
15 and the plurality of movable lock members are integrally rotatable with one another by one contact member.

[4] A rotation output device according to claim 2 or 3, wherein sliding resistance increasing means for
20 increasing a sliding resistance is provided at a position where the contact member contacts the fixing member.

[5] A rotation output device according to claim 4, wherein the sliding resistance increasing means is formed

of an elastic member.

[6] An electric tool including a rotation output
device according to any one of claims 1 through 5 in an
5 output system.